

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	477	(381/110,72,124.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/27 10:38
S2	363	S1 and (@ad<"20040326")	US-PGPUB; USPAT	OR	ON	2007/08/27 11:08
S3	16	"4901356"	US-PGPUB; USPAT	OR	ON	2007/08/27 10:54
S4	39	("1139177"   "1242672"   "1344349"   "1656914"   "2942072"   "2950360"   "2953129"   "3180333"   "3243511"   "3314424"   "4072831"   "4237341"   "4374301"   "4400591"   "4471174"   "4508936"   "4683588").PN. OR ("4901356").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 11:08
S5	288	(128/201.19)	US-PGPUB; USPAT	OR	ON	2007/08/27 11:08
S6	194	(128/201.19.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/27 11:29
S7	98	S6 and (@ad<"20040326")	US-PGPUB; USPAT	OR	ON	2007/08/27 12:01
S8	30	S7 and (speaker\$1 and microphone\$1)	US-PGPUB; USPAT	OR	ON	2007/08/27 11:26
S9	491	("381"/\$.ccls.) and (fac\$3 with mak\$2)	US-PGPUB; USPAT	OR	ON	2007/08/27 11:27
S10	2981	("381"/\$.ccls.) and (speaker\$1 and microphone\$1 and mak\$2)	US-PGPUB; USPAT	OR	ON	2007/08/27 11:28
S11	2296	S10 and (@ad<"20040326")	US-PGPUB; USPAT	OR	ON	2007/08/28 09:27
S12	8	S11 and (128/201.19.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/27 11:30
S13	1	"20050213782"	US-PGPUB; USPAT	OR	ON	2007/08/27 11:43
S14	17	"5138666"	US-PGPUB; USPAT	OR	ON	2007/08/27 11:47
S15	321	(381/376,367,375.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/27 11:48
S16	217	S15 and (@ad<"20040326")	US-PGPUB; USPAT	OR	ON	2007/08/27 11:51
S17	11	"5371804"	US-PGPUB; USPAT	OR	ON	2007/08/27 11:52
S18	12	"5428688"	US-PGPUB; USPAT	OR	ON	2007/08/27 11:54

## EAST Search History

S19	8	"5463693"	US-PGPUB; USPAT	OR	ON	2007/08/27 11:54
S20	723	(381/376,367,375,72,75,110.ccls.) or (381/201.19.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/27 14:00
S21	509	S20 and (@ad<"20040326")	US-PGPUB; USPAT	OR	ON	2007/08/27 13:14
S22	297	S21 and (speaker\$1 and microphone\$1)	US-PGPUB; USPAT	OR	ON	2007/08/27 13:46
S23	107	("128"/\$.ccls.) and (mask\$1 and microphone\$1 and speaker\$1)	US-PGPUB; USPAT	OR	ON	2007/08/27 13:21
S24	88	S23 and (@ad<"20040326")	US-PGPUB; USPAT	OR	ON	2007/08/27 13:21
S25	210	("128"/\$.ccls.) and (mask\$1 and speaker\$1)	US-PGPUB; USPAT	OR	ON	2007/08/27 13:21
S26	162	S25 and (@ad<"20040326")	US-PGPUB; USPAT	OR	ON	2007/08/27 13:46
S27	74	S26 not S24	US-PGPUB; USPAT	OR	ON	2007/08/27 13:24
S28	1	"20050213782"	US-PGPUB; USPAT	OR	ON	2007/08/27 13:38
S29	2280	((("381"/\$.ccls.) or ("128"/\$.ccls.)) and ((sound\$1 or speaker\$1) with (reflect\$3))	US-PGPUB; USPAT	OR	ON	2007/08/27 13:53
S30	1832	S29 and (@ad<"20040326")	US-PGPUB; USPAT	OR	ON	2007/08/27 13:53
S31	1331	S30 and (speaker\$1)	US-PGPUB; USPAT	OR	ON	2007/08/27 14:00
S32	75	S31 and (mask\$1)	US-PGPUB; USPAT	OR	ON	2007/08/27 16:55
S33	2138	((("381"/\$.ccls.) or ("128"/\$.ccls.)) and ((sound\$1 or speaker\$1 or wave\$1) near3 (reflect\$3))	US-PGPUB; USPAT	OR	ON	2007/08/27 14:01
S34	1745	S33 and (@ad<"20040326")	US-PGPUB; USPAT	OR	ON	2007/08/27 14:00
S35	104	S34 and (mask\$1)	US-PGPUB; USPAT	OR	ON	2007/08/27 13:53
S36	895	(381/376,367,375,72,75,110.ccls.) or (128/201.19.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/27 15:00
S37	595	S36 and (@ad<"20040326")	US-PGPUB; USPAT	OR	ON	2007/08/27 14:40
S38	366	S37 and (speaker\$1)	US-PGPUB; USPAT	OR	ON	2007/08/27 14:00
S39	10	(S38) and ((sound\$1 or speaker\$1 or wave\$1) near3 (reflect\$3))	US-PGPUB; USPAT	OR	ON	2007/08/27 14:39

## EAST Search History

S40	65	(face\$1 near2 mask\$2) with (speaker\$1)	US-PGPUB; USPAT	OR	ON	2007/08/27 14:47
S41	53	S40 and (@ad<"20040326")	US-PGPUB; USPAT	OR	ON	2007/08/27 15:17
S42	152	((("128"/\$.ccls.) or ("381"/\$.ccls.)) and ((mask\$2) with (speaker\$1))	US-PGPUB; USPAT	OR	ON	2007/08/27 14:48
S43	127	S42 and (@ad<"20040326")	US-PGPUB; USPAT	OR	ON	2007/08/27 15:00
S44	732	(381/376,367,375,72,75,110.ccls.) or (128/201.19.ccls.) and (speaker\$1 with mask\$1)	US-PGPUB; USPAT	OR	ON	2007/08/28 09:26
S45	518	S44 and (@ad<"20040326")	US-PGPUB; USPAT	OR	ON	2007/08/27 15:01
S46	753	(381/376,367,375,72,75,110.ccls.) or (128/201.19.ccls.) and (speaker\$1)	US-PGPUB; USPAT	OR	ON	2007/08/27 15:17
S47	537	S46 and (@ad<"20040326")	US-PGPUB; USPAT	OR	ON	2007/08/27 16:55
S48	47	("2403245"   "3180333"   "3258534"   "3309691"   "3337841"   "3435556"   "3514785"   "3963917"   "4107462"   "4154981"   "4231079").PN. OR ("4400591"). URP.N.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 15:34
S49	47	("2403245"   "3180333"   "3258534"   "3309691"   "3337841"   "3435556"   "3514785"   "3963917"   "4107462"   "4154981"   "4231079").PN. OR ("4400591"). URP.N.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 16:45
S50	1417	(helmet\$1 and speaker\$1)	US-PGPUB; USPAT	OR	ON	2007/08/27 16:55
S51	814	S50 and (microphone\$1)	US-PGPUB; USPAT	OR	ON	2007/08/27 16:55
S52	551	S51 and (@ad<"20040326")	US-PGPUB; USPAT	OR	ON	2007/08/27 16:56
S53	732	(381/376,367,375,72,75,110.ccls.) or (128/201.19.ccls.) and (speaker\$1 with (mask\$1 or helmet\$1))	US-PGPUB; USPAT	OR	ON	2007/08/28 09:26
S54	518	S53 and (@ad<"20040326")	US-PGPUB; USPAT	OR	ON	2007/08/28 09:28
S55	1	S54 and (switch\$3 and (on and off))	US-PGPUB; USPAT	OR	ON	2007/08/28 09:29
S56	294	S54 and (switch\$3)	US-PGPUB; USPAT	OR	ON	2007/08/28 09:29